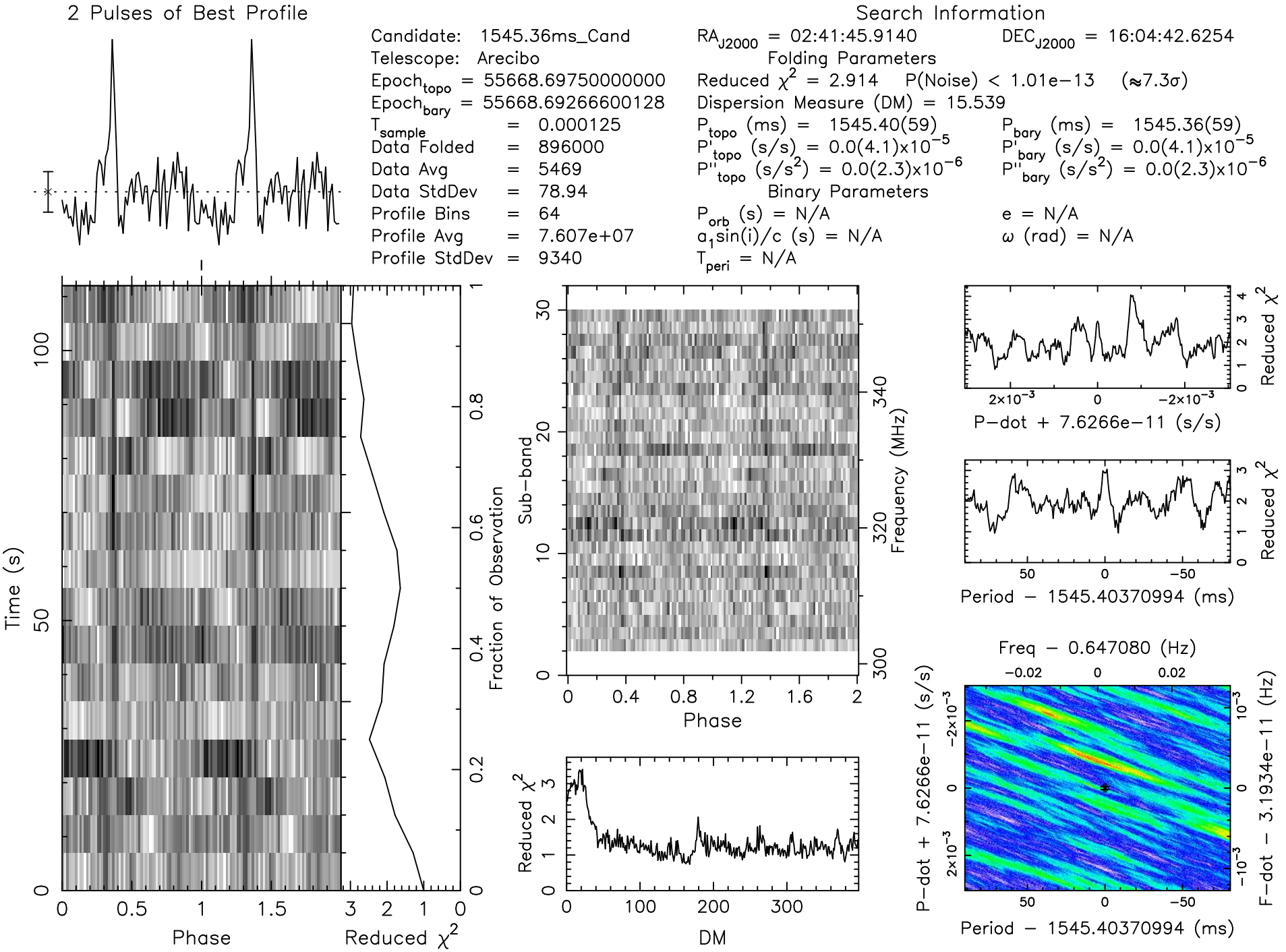
2 Pulses of Best Profile
Search Information
Candidate: 1545.36ms_Cand
Telescope: Arecibo
Epoch$_{topo}$ = 55668.69750000000
Epoch$_{bary}$ = 55668.69266600128
T_{sample} = 0.000125
Data Folded = 896000
Data Avg = 5469
Data StdDev = 78.94
Profile Bins = 64
Profile Avg = 7.607e+07
Profile StdDev = 9340
RA_{J2000} = 02:41:45.9140
DEC_{J2000} = 16:04:42.6254
Folding Parameters
Reduced χ^2 = 2.914 P(Noise) < 1.01e−13 (≈7.3σ)
Dispersion Measure (DM) = 15.539
P_{topo} (ms) = 1545.40(59)
P'_{topo} (s/s) = 0.0(4.1)x10^{-5}
P''_{topo} (s/s^2) = 0.0(2.3)x10^{-6}
P_{bary} (ms) = 1545.36(59)
P'_{bary} (s/s) = 0.0(4.1)x10^{-5}
P''_{bary} (s/s^2) = 0.0(2.3)x10^{-6}
Binary Parameters
P_{orb} (s) = N/A
$a_1 \sin(i)/c$ (s) = N/A
T_{peri} = N/A
e = N/A
ω (rad) = N/A
Time (s)
Phase
Reduced χ^2
Fraction of Observation
Sub-band
Frequency (MHz)
DM
P-dot + 7.6266e−11 (s/s)
Period − 1545.40370994 (ms)
Freq − 0.647080 (Hz)
F-dot − 3.1934e−11 (Hz)
4bit−p1693.20110417.J0241+16E.b0s1g0.00000.fits
deneva 18−Apr−2011 11:37